

Name \_\_\_\_\_

Date \_\_\_\_\_

## Liquid Volume Word Problem - Step-by-Step Lesson

### Lesson 1 Liquid Volume Problem:

John prepared 3 kiloliters of tomato soup for his anniversary party. He has to serve the soup to each guest. A soup bowl holds 200 milliliters of soup. How many soup bowls will he be able to fill?



### Explanation:

First, we have to convert kiloliters to milliliters. As we know:

$$1 \text{ kiloliter} = 1,000,000 \text{ milliliters}$$

$$\text{So, } 3 \text{ kiloliter} = 3,000,000 \text{ milliliters}$$

Now if one soup bowl contains 200 milliliters, how many soup bowls will we need for 3,000,000 milliliters for tomato soup?

$$\begin{aligned} \text{Soup bowl} &= 3,000,000 \div 200 \\ &= 15,000 \text{ soup bowls} \end{aligned}$$

So, John needs 15,000 soup bowls.

